

KANDEL', E.I.; SH'OK, V.N.

International Symposium on Stereotaxic Neurosurgery. Vop. neuro-  
khir 28 no.1:61-62 Ja-F '64. (MIRA 18:1)

EL'NER, A.M.; KANDEL', E.I.

Study of the carbohydrate metabolism in parkinsonism (dependence of disorders in carbohydrate metabolism on the clinical aspects of the disease). Zhur. nevr. i psikh. 65 no. 1. 46-50 '65.

(MIRA 18:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii im. Burdenko AMN SSSR, Moskva.

GURFINKEL', V.S.; KANDEL', E.I.; KOTS, Ya.M.; SHIK, M.L.

Mechanism of the origination of tremor in parkinsonism. Zhur. nevr. i psikh. 65 no.5:645-651 '65. (MIRA 18:5)

1. Institut biologicheskoy fiziki AN SSSR i Ordena Trudovogo Krasnogo Znameni Institut neyrokhirurgii im. Burdenko AMN SSSR, Moskva.

KANDEL', Eduard Izrailevich; VASIN, N.Ya., red.

[Parkinsonism and its surgical treatment] Parkinsonizm i  
ego khirurgicheskoe lechenie. Moskva, Meditsina, 1965.  
382 p. (MIRA 18:8)

CA

KANDEL, ISTVAN

The reaction of benzalazine with maleic anhydride.  
Israel Kovács, Gyozo Bruckner, and István Kandel (Univ.,  
Szeged: HUNG.). *Magyar Kém. Folyóirat* 56, 73-8 (1950).—  
The bis-adduct, m. 243°, obtained by Wagner-Jauregg  
(C.1. 28, 2118) by treating (PhCH=N)<sub>2</sub> with maleic an-  
hydride, proved to be a mixt. of 2 stereoisomers: (I), m.  
263-4°, (II), m. 223°, the latter being present in consider-  
ably smaller amts. The chem. properties of both adducts  
conform with the structural formula proposed by W.-J.  
The oxidative decoupling of I with KMnO<sub>4</sub> at room temp. in  
an alk. medium gave (CO<sub>2</sub>H)<sub>2</sub>, BaOH, and 3-phenylpyrazole,  
whereas II gave (CO<sub>2</sub>H)<sub>2</sub>, BaOH, and an unidentified compd.,  
probably a pyrazoline monocarboxylic acid. The structure  
of W.-J. is confirmed. 11 references. István Fiala

CA

KANDEL, I.

Addition of maleic acid anhydride to benzaldehyde azine.  
 Kovács, V. Bruckner, and I. Kandel (Univ. Budapest, Hungary). *Acta Chim. Hung.* 4, 281-44 (1965) (in German).  
 Various attempts were made to increase the yield of the adduct, but with the solvents tested the yield did not exceed the 10% described by Wagner-Jauregg (C. 1. 25, 2418). By modifying the procedure, however, yields of about 30% were obtained by treating the agents in stoichiometric ratios not exceeding 0.1:0.2 and 10-15 min. at 100° and washing the cryst. mass. The product, m. 245° (uncorr.), consists of 2 isomeric components separable by fractional crystn. The major component, designated as the 1-isomer (I), m. 241°, is accompanied by about 1.5% of an isomer designated as the 2-isomer (II), m. 233°. The properties of I agree well with the structure proposed by Wagner-Jauregg. By alk. sapon. the free tetracarboxylic acid was liberated from I. The oxidative decoupling of I confirmed the Wagner-Jauregg structure. Whereas the II proved that I and II are stereoisomers. Whereas the oxidative decoupling of I by KMnO<sub>4</sub> in aq. alk. soln. with cooling by ice gave (CO<sub>2</sub>H)<sub>2</sub>, H<sub>2</sub>O, and 3-phenylpyrazole, the formation of 3-phenylpyrazole was not observed with II. The identity and stereoisomeric relation of I and II was also verified by the absorption spectra of their *tert*-Me esters, m. 230-1°, and 180°, which show identical shapes with different absorption max. István Fényi

KINDEL, J.

Structure of native  $\gamma$ -polyglutamic acid. V. Bruckner, J. Kozics, and J. Keszler (Inst. Biophys., Hung.). *Naturwissenschaften* 46, 209 (1959).—Contg. previous work (C.A. 43, 8452, 8177) the polyhydrazide or polyamide prepil. from native  $\gamma$ -polyglutamic acid was subjected to Curtius or Hofmann degradation and the product hydrolyzed. The hydrolysis product on paper chromatography (BaOH-AcOH-H<sub>2</sub>O) showed no 2,4-diaminobutyric acid, only unconverted glutamic acid. The result was the same with 6400 to 9000-mol. wt. polyglutamic acid from *Bacillus subtilis* strains and with 45,000-mol. wt. material from special anthrax bacillus capsules. B. J. C. van der H...

AD  
BI  
(2)

KANDEL-I.

28. On the structure of natural D-poly-glutamic acids, V.  
(In German) V. Bruckner, J. Kovacs, I. Kan-  
del, B. H. Fieser. *Acta Chimica Academiae Scientiarum  
Hungaricae*, Vol. 7, 1955, No. 1-2, pp. 223-232, 2 figs.

No alpha-glutamyl bonds could be detected even  
by extremely sensitive paper chromatographic methods  
in the D-poly-glutamic acid derivatives of different  
molecular weight (*subtilis*-polypeptides) isolated from  
the media upon which an appropriate strain of *Bacillus  
subtilis* had been grown. The degradation experiments  
were extended to *anthrax*-polypeptides of high molecular  
weight (48,300) isolated from the capsules of *Bacillus  
anthracis*. A compound -- beta-formylpropionic acid --  
was identified among the degradation products by  
preparative methods indicating the presence of gamma-  
glutamyl bonds in the substances investigated. Control  
experiments were carried out by paper chromatography  
but no alpha-gamma-diaminobutyric acid was detect-  
able which would indicate the presence of alpha-glut-  
amyl bonds. Experimental investigation of the degrada-

tion products seems to justify the assumption that all  
naturally occurring D-poly-glutamic acids although  
of different molecular weight -- possess the same basic  
constitution.

Chem

4





RANDALL, J.

MUNG.

The nature of the linkage of the glutamyl residues in the  $\beta$ -aminobenzoyl-peptide of yeast. I. Kandel and M. Kaudl (Univ. Budapest). *Experientia* 11: 85-8(1954) (in German).—The  $\beta$ -aminobenzoylpolypeptide (I) was converted to its methyl ester which in turn was converted to the polyhydrazide (II). II was decomposed according to Curtius and then subjected to acid hydrolysis. Paper chromatographic analysis of the hydrolyzate showed only  $\beta$ -kornylprionic acid and a trace of glutamic acid. This indicates that I is built up by  $\gamma$ -glutamyl linkages.

D. S. Farner—

KANDOL I.

The type of linkage of the amide residues of the  $\beta$ -amino  
dicarboxylic acids of proteins. I. Kovacs, I. Kandol, M.  
Kandol, and V. Bruckner (Univ. Budapest). *Biochemistry*  
17, 607 (1978) (in German). -- Cryst. protein (I) and chymo-  
trypsinogen (II) were treated with alk. NaOCl soln.  
equiv. to the amide groups present and then hydrolyzed  
with achi. Paper chromatographic analyses of the acid  
hydrolyzates of I showed MeCHO,  $\beta$ -formylpropionic acid,  
 $\alpha,\beta$ -diaminopropionic acid (III), and  $\alpha,\gamma$ -diaminobutyric  
acid (IV) to be present, whereas the dialyate of II contained  
only III and IV. It is suggested that in II the amide groups  
of the amino dicarboxylic acids represent asparagyl and  
glutamyl residues; in I in addn. to these, boptamyl  
residues are probably present. D. S. Farnar

7

A

Jan

KANDI, M.

HUNG.

The nature of the linkage of the glutamyl residues in the  $\gamma$ -aminobenzoylpolypeptide of yeast. I. Kandi and M. Kandi (Univ. Budapest). *Experientia* 11, 95-6 (1955) (in German).—The  $\gamma$ -aminobenzoylpolypeptide (I) was converted to its methyl ester which in turn was converted to the polyhydrazide (II). II was decomposed according to Curtius and then subjected to acid hydrolysis. Paper chromatographic analysis of the hydrolyzate showed only  $\beta$ -ketoisovaleric acid and a trace of glutamic acid. This indicates that I is built up by  $\gamma$ -glutamyl linkages.

D. S. Farner

TERENT'YEVA, O.F.; KANDEL', O.M.; STRUKOVA, M.T.; KOLBASNIKOVA, A.N.;  
KOZLOVA, A.A.

The time of molasses production and the manufacture of citric acid.  
Trudy VKNII no.16:104-108 '62. (MIRA 16:5)  
(Molasses) (Citric acid)

1. KANDEL', YE.
2. USSR (600)
4. Hydroelectric Power Stations
7. Marx and science, Nauka i zhizn' 20 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KANDEL, Ye. A.

BAHNIKOV, D.P.; SHAFER, S.A., redaktor; KANDEL', Ye.A., inzhener, retsenzent.  
BELYKH, B.P., dotsent, retsenzent.

[Mining electric engineering] Gornaya elektrotehnika. Sverdlovsk,  
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,  
1953. 312 p. (MLBA 7:7)  
(Electricity in mining)

KANDEL, Ye. A.

VOLOTKOVSKIY, Sergey Andronikovich, professor; BELYKH, Boris Petrovich, dotsent; KANDRI, Yefim Aleksandrovich, inzhener; SERMAN, A.M., redaktor; LUCHKO, Yu.V., redaktor; KOVALENKO, N.I., tekhnicheskii redaktor

[Operation of the electric equipment on mine-pit excavators]  
Eksploataatsiya elektrooborudovaniya kar'ernykh ekskavatorov.  
Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 274 p. (MIRA 8:3)  
(Excavating machinery)



KANDEL', Ye.A., inzhener; MIROSHKIN, P.P., inzhener.

New method of heating motors used in mine drainage. *Energetik* 2  
no.6:31-32 Je '54. (MLRA 7:7)  
(Electric motors) (Electricity in mining)

KANDEL', Ye.A., inzh.; KONDRAT'YEV, L.I., inzh.; BORODIN, N.K., inzh.

Effective use of EDKZ electric detonators. Shakht.stroi.  
no.11:27-28 N '59. (MIRA 13:3)  
(Mining engineering--Equipment and supplies)

KANDEL'; Ye.I.

Hypophysectomy as a method for treating metastatic cancer.  
Vop. onk. 5 no.12:728-737 '59. (MIRA 13:12)  
(PITUITARY BODY---CANCER)

VIKHERT, T.M.; KANDEL', Ye.I.; LYASS, F.M.

Histopathological changes in the central nervous system in  
direct administration into the brain of radioactive gold.

Arkhn.pat. 22 no.3:48-54 '60.

(MIRA 13:12)

(GOLD--ISOTOPES)

(BRAIN)

(NERVOUS SYSTEM)

BC

2-3

**Cobalt ethoxide and its hydrolysis.** B. KANDELAKI and I. BERTAGHIVILI (Kolloid. Zhurn., 1930, 2, 807-800; cf. A., 1935, 1340).—Co ethoxide, from  $\text{CoCl}_2$  and  $\text{NaOEt}$ , affords with  $\text{H}_2\text{O}$  greenish-yellow sols of  $\text{Co(OH)}_2$ , with  $\text{EtOH} + \text{H}_2\text{O}$  thick triple gels. J. J. B.

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

| CLASSIFICATION | ABSTRACT | REMARKS |
|----------------|----------|---------|
| 1              | 2        | 3       |
| 4              | 5        | 6       |
| 7              | 8        | 9       |
| 10             | 11       | 12      |
| 13             | 14       | 15      |
| 16             | 17       | 18      |
| 19             | 20       | 21      |
| 22             | 23       | 24      |
| 25             | 26       | 27      |
| 28             | 29       | 30      |
| 31             | 32       | 33      |
| 34             | 35       | 36      |
| 37             | 38       | 39      |
| 40             | 41       | 42      |
| 43             | 44       | 45      |
| 46             | 47       | 48      |
| 49             | 50       | 51      |
| 52             | 53       | 54      |
| 55             | 56       | 57      |
| 58             | 59       | 60      |
| 61             | 62       | 63      |
| 64             | 65       | 66      |
| 67             | 68       | 69      |
| 70             | 71       | 72      |
| 73             | 74       | 75      |
| 76             | 77       | 78      |
| 79             | 80       | 81      |
| 82             | 83       | 84      |
| 85             | 86       | 87      |
| 88             | 89       | 90      |
| 91             | 92       | 93      |
| 94             | 95       | 96      |
| 97             | 98       | 99      |
| 100            | 101      | 102     |
| 103            | 104      | 105     |
| 106            | 107      | 108     |
| 109            | 110      | 111     |
| 112            | 113      | 114     |
| 115            | 116      | 117     |
| 118            | 119      | 120     |
| 121            | 122      | 123     |
| 124            | 125      | 126     |
| 127            | 128      | 129     |
| 130            | 131      | 132     |
| 133            | 134      | 135     |
| 136            | 137      | 138     |
| 139            | 140      | 141     |
| 142            | 143      | 144     |
| 145            | 146      | 147     |
| 148            | 149      | 150     |
| 151            | 152      | 153     |
| 154            | 155      | 156     |
| 157            | 158      | 159     |
| 160            | 161      | 162     |
| 163            | 164      | 165     |
| 166            | 167      | 168     |
| 169            | 170      | 171     |
| 172            | 173      | 174     |
| 175            | 176      | 177     |
| 178            | 179      | 180     |
| 181            | 182      | 183     |
| 184            | 185      | 186     |
| 187            | 188      | 189     |
| 190            | 191      | 192     |
| 193            | 194      | 195     |
| 196            | 197      | 198     |
| 199            | 200      | 201     |
| 202            | 203      | 204     |
| 205            | 206      | 207     |
| 208            | 209      | 210     |
| 211            | 212      | 213     |
| 214            | 215      | 216     |
| 217            | 218      | 219     |
| 220            | 221      | 222     |
| 223            | 224      | 225     |
| 226            | 227      | 228     |
| 229            | 230      | 231     |
| 232            | 233      | 234     |
| 235            | 236      | 237     |
| 238            | 239      | 240     |
| 241            | 242      | 243     |
| 244            | 245      | 246     |
| 247            | 248      | 249     |
| 250            | 251      | 252     |
| 253            | 254      | 255     |
| 256            | 257      | 258     |
| 259            | 260      | 261     |
| 262            | 263      | 264     |
| 265            | 266      | 267     |
| 268            | 269      | 270     |
| 271            | 272      | 273     |
| 274            | 275      | 276     |
| 277            | 278      | 279     |
| 280            | 281      | 282     |
| 283            | 284      | 285     |
| 286            | 287      | 288     |
| 289            | 290      | 291     |
| 292            | 293      | 294     |
| 295            | 296      | 297     |
| 298            | 299      | 300     |
| 301            | 302      | 303     |
| 304            | 305      | 306     |
| 307            | 308      | 309     |
| 310            | 311      | 312     |
| 313            | 314      | 315     |
| 316            | 317      | 318     |
| 319            | 320      | 321     |
| 322            | 323      | 324     |
| 325            | 326      | 327     |
| 328            | 329      | 330     |
| 331            | 332      | 333     |
| 334            | 335      | 336     |
| 337            | 338      | 339     |
| 340            | 341      | 342     |
| 343            | 344      | 345     |
| 346            | 347      | 348     |
| 349            | 350      | 351     |
| 352            | 353      | 354     |
| 355            | 356      | 357     |
| 358            | 359      | 360     |
| 361            | 362      | 363     |
| 364            | 365      | 366     |
| 367            | 368      | 369     |
| 370            | 371      | 372     |
| 373            | 374      | 375     |
| 376            | 377      | 378     |
| 379            | 380      | 381     |
| 382            | 383      | 384     |
| 385            | 386      | 387     |
| 388            | 389      | 390     |
| 391            | 392      | 393     |
| 394            | 395      | 396     |
| 397            | 398      | 399     |
| 400            | 401      | 402     |
| 403            | 404      | 405     |
| 406            | 407      | 408     |
| 409            | 410      | 411     |
| 412            | 413      | 414     |
| 415            | 416      | 417     |
| 418            | 419      | 420     |
| 421            | 422      | 423     |
| 424            | 425      | 426     |
| 427            | 428      | 429     |
| 430            | 431      | 432     |
| 433            | 434      | 435     |
| 436            | 437      | 438     |
| 439            | 440      | 441     |
| 442            | 443      | 444     |
| 445            | 446      | 447     |
| 448            | 449      | 450     |
| 451            | 452      | 453     |
| 454            | 455      | 456     |
| 457            | 458      | 459     |
| 460            | 461      | 462     |
| 463            | 464      | 465     |
| 466            | 467      | 468     |
| 469            | 470      | 471     |
| 472            | 473      | 474     |
| 475            | 476      | 477     |
| 478            | 479      | 480     |
| 481            | 482      | 483     |
| 484            | 485      | 486     |
| 487            | 488      | 489     |
| 490            | 491      | 492     |
| 493            | 494      | 495     |
| 496            | 497      | 498     |
| 499            | 500      | 501     |
| 502            | 503      | 504     |
| 505            | 506      | 507     |
| 508            | 509      | 510     |
| 511            | 512      | 513     |
| 514            | 515      | 516     |
| 517            | 518      | 519     |
| 520            | 521      | 522     |
| 523            | 524      | 525     |
| 526            | 527      | 528     |
| 529            | 530      | 531     |
| 532            | 533      | 534     |
| 535            | 536      | 537     |
| 538            | 539      | 540     |
| 541            | 542      | 543     |
| 544            | 545      | 546     |
| 547            | 548      | 549     |
| 550            | 551      | 552     |
| 553            | 554      | 555     |
| 556            | 557      | 558     |
| 559            | 560      | 561     |
| 562            | 563      | 564     |
| 565            | 566      | 567     |
| 568            | 569      | 570     |
| 571            | 572      | 573     |
| 574            | 575      | 576     |
| 577            | 578      | 579     |
| 580            | 581      | 582     |
| 583            | 584      | 585     |
| 586            | 587      | 588     |
| 589            | 590      | 591     |
| 592            | 593      | 594     |
| 595            | 596      | 597     |
| 598            | 599      | 600     |
| 601            | 602      | 603     |
| 604            | 605      | 606     |
| 607            | 608      | 609     |
| 610            | 611      | 612     |
| 613            | 614      | 615     |
| 616            | 617      | 618     |
| 619            | 620      | 621     |
| 622            | 623      | 624     |
| 625            | 626      | 627     |
| 628            | 629      | 630     |
| 631            | 632      | 633     |
| 634            | 635      | 636     |
| 637            | 638      | 639     |
| 640            | 641      | 642     |
| 643            | 644      | 645     |
| 646            | 647      | 648     |
| 649            | 650      | 651     |
| 652            | 653      | 654     |
| 655            | 656      | 657     |
| 658            | 659      | 660     |
| 661            | 662      | 663     |
| 664            | 665      | 666     |
| 667            | 668      | 669     |
| 670            | 671      | 672     |
| 673            | 674      | 675     |
| 676            | 677      | 678     |
| 679            | 680      | 681     |
| 682            | 683      | 684     |
| 685            | 686      | 687     |
| 688            | 689      | 690     |
| 691            | 692      | 693     |
| 694            | 695      | 696     |
| 697            | 698      | 699     |
| 700            | 701      | 702     |
| 703            | 704      | 705     |
| 706            | 707      | 708     |
| 709            | 710      | 711     |
| 712            | 713      | 714     |
| 715            | 716      | 717     |
| 718            | 719      | 720     |
| 721            | 722      | 723     |
| 724            | 725      | 726     |
| 727            | 728      | 729     |
| 730            | 731      | 732     |
| 733            | 734      | 735     |
| 736            | 737      | 738     |
| 739            | 740      | 741     |
| 742            | 743      | 744     |
| 745            | 746      | 747     |
| 748            | 749      | 750     |
| 751            | 752      | 753     |
| 754            | 755      | 756     |
| 757            | 758      | 759     |
| 760            | 761      | 762     |
| 763            | 764      | 765     |
| 766            | 767      | 768     |
| 769            | 770      | 771     |
| 772            | 773      | 774     |
| 775            | 776      | 777     |
| 778            | 779      | 780     |
| 781            | 782      | 783     |
| 784            | 785      | 786     |
| 787            | 788      | 789     |
| 790            | 791      | 792     |
| 793            | 794      | 795     |
| 796            | 797      | 798     |
| 799            | 800      | 801     |
| 802            | 803      | 804     |
| 805            | 806      | 807     |
| 808            | 809      | 810     |
| 811            | 812      | 813     |
| 814            | 815      | 816     |
| 817            | 818      | 819     |
| 820            | 821      | 822     |
| 823            | 824      | 825     |
| 826            | 827      | 828     |
| 829            | 830      | 831     |
| 832            | 833      | 834     |
| 835            | 836      | 837     |
| 838            | 839      | 840     |
| 841            | 842      | 843     |
| 844            | 845      | 846     |
| 847            | 848      | 849     |
| 850            | 851      | 852     |
| 853            | 854      | 855     |
| 856            | 857      | 858     |
| 859            | 860      | 861     |
| 862            | 863      | 864     |
| 865            | 866      | 867     |
| 868            | 869      | 870     |
| 871            | 872      | 873     |
| 874            | 875      | 876     |
| 877            | 878      | 879     |
| 880            | 881      | 882     |
| 883            | 884      | 885     |
| 886            | 887      | 888     |
| 889            | 890      | 891     |
| 892            | 893      | 894     |
| 895            | 896      | 897     |
| 898            | 899      | 900     |
| 901            | 902      | 903     |
| 904            | 905      | 906     |
| 907            | 908      | 909     |
| 910            | 911      | 912     |
| 913            | 914      | 915     |
| 916            | 917      | 918     |
| 919            | 920      | 921     |
| 922            | 923      | 924     |
| 925            | 926      | 927     |
| 928            | 929      | 930     |
| 931            | 932      | 933     |
| 934            | 935      | 936     |
| 937            | 938      | 939     |
| 940            | 941      | 942     |
| 943            | 944      | 945     |
| 946            | 947      | 948     |
| 949            | 950      | 951     |
| 952            | 953      | 954     |
| 955            | 956      | 957     |
| 958            | 959      | 960     |
| 961            | 962      | 963     |
| 964            | 965      | 966     |
| 967            | 968      | 969     |
| 970            | 971      | 972     |
| 973            | 974      | 975     |
| 976            | 977      | 978     |
| 979            | 980      | 981     |
| 982            | 983      | 984     |
| 985            | 986      | 987     |
| 988            | 989      | 990     |
| 991            | 992      | 993     |
| 994            | 995      | 996     |
| 997            | 998      | 999     |
| 1000           | 1001     | 1002    |
| 1003           | 1004     | 1005    |
| 1006           | 1007     | 1008    |
| 1009           | 1010     | 1011    |
| 1012           | 1013     | 1014    |
| 1015           | 1016     | 1017    |
| 1018           | 1019     | 1020    |
| 1021           | 1022     | 1023    |
| 1024           | 1025     | 1026    |
| 1027           | 1028     | 1029    |
| 1030           | 1031     | 1032    |
| 1033           | 1034     | 1035    |
| 1036           | 1037     | 1038    |
| 1039           | 1040     | 1041    |
| 1042           | 1043     | 1044    |
| 1045           | 1046     | 1047    |
| 1048           | 1049     | 1050    |
| 1051           | 1052     | 1053    |
| 1054           | 1055     | 1056    |
| 1057           | 1058     | 1059    |
| 1060           | 1061     | 1062    |

| STRUCTURE AND PROPERTIES INDEX   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <p>Structure and properties of colloidal askanton. B. S. Kandelaki and I. Mikadze. <i>Colloid J.</i> (U. S. S. R.) 5, 305-403 (1937).—Askanton is a bentonite found in Western Georgia (U. S. S. R.). The dry powd. clay forms, on mixing with <math>H_2O</math>, a stable colloidal soln. if the concn. of the clay is below 0.5%. At greater concns. the system undergoes a thixotropic gelation. The colloid has a neg. charge, is coagulated by salts and the rate of coagulation is directly proportional to the valence of the salt. Addn. of <math>MeOH</math>, <math>EtOH</math>, <math>HCOOH</math>, <math>AcOH</math>, <math>H_2SO_4</math>, or <math>HCl</math> accelerates gelation of coag. colloids. Heating from <math>17^\circ</math> to <math>45^\circ</math> has a similar effect, the rate of gelation increasing with temp. An ultramicroscopic investigation of Brownian and thixotropic properties of ask. 'on gels was made during various stages of gelation. S. L. M.</p> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>ASB-31A METALLURGICAL LITERATURE CLASSIFICATION</p>   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>101000-100000 101000-100000 101000-100000 101000-100000</p>   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*ca*

**Hydrolysis and gelation of ethylates.** B. S. Kandelaki. *Colloid J.* (U. S. S. R.) 3, 483-489 (1947); cf. C. A. 31, 7729. The following new compds. were prepd.:  $\text{CrCl}_3 \cdot 4\text{EtOH}$ ,  $\text{CrCl}_3 \cdot 3\text{EtOH}$ ,  $\text{Cr}(\text{OEt})_3$ ,  $\text{EtOH}$ ,  $\text{Cr}(\text{OEt})_3$ ,  $\text{Co}(\text{OEt})_3$ , and  $\text{Mn}(\text{OEt})_3$ . Hydrolysis of alc. solns. of ethylates of the Cr, Co and Mn serves as a new method for the prepn. of pure hydrosols of  $\text{Cr}(\text{OH})_3$ ,  $\text{Co}(\text{OH})_3$ , and  $\text{Mn}(\text{OH})_3$ . Ethylation and hydrolysis, as typified in the case of  $\text{MnCl}_2$ , proceed as follows:  $\text{MnCl}_2 + 2\text{NaOEt} \rightarrow \text{Mn}(\text{OEt})_2 + 2\text{NaCl}$  and  $\text{Mn}(\text{OEt})_2 + 2\text{H}_2\text{O} \rightarrow \text{Mn}(\text{OH})_2 + 2\text{EtOH}$ . The above reactions were also applied to  $\text{Fe}(\text{OEt})_3$ . Too much  $\text{EtOH}$  or too little  $\text{H}_2\text{O}$  in the system renders the sol unstable. The process of gelation of sols of  $\text{Cr}(\text{OH})_3$ ,  $\text{Co}(\text{OH})_3$ ,  $\text{Mn}(\text{OH})_3$ ,  $\text{Fe}(\text{OH})_3$ , also of Askan bentonite, was studied ultramicroscopically. A cell-like structure, where the content of the cells consists of the dispersion medium, was observed. The cells exhibited a violent Brownian movement, disproving the assumption by some investigators that gelation spreads to the intercellular liquid. Twenty references. S. I. M.

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

| PROCESS AND PROPERTIES INDEX   |                   |
|--|-------------------|
| <p><b>BC</b></p>   | <p><b>A-1</b></p> |
| <p>Properties and structure of organic thixotropic gels. B. KANDHAKI, G. KIKONEN, and N. DOLINER (J. Phys. Chem. 1967, 71, 524-533). For the thixotropic gelation of agar and gelatin sols there is an optimum temp., which rises with increasing concn.</p> <p>The viscosity-temp. curves, measured with rising temp., have a max. at this point. Gelation is not solely due to solvation, for if sols capable of gelation are stirred during cooling, gelation may be absent, or a solid, non-elastic, loose mass ("false gel") may be formed. The gelatinous character of the latter is due solely to increase in the vol. concn. by increased solvation on cooling. The elasticity of a true gel is due to its organized structure, and the formation of such a gel may be either induced or promoted by solvation. Any system capable of forming a true gel with H<sub>2</sub>O may exhibit thixotropy under favorable conditions of temp. and concn. Ultramicroscopic study has confirmed the results of viscosimetric measurements, and shown that agar and gelatin form gels by the linking up of granules, which probably have a honeycomb structure.</p> <p style="text-align: right;">R. C.</p> |                   |
| <p>ASB-51A DETAILING LITERATURE CLASSIFICATION</p>   |                   |
| <p>SEARCHED INDEXED SERIALIZED FILED</p>   |                   |
| <p>APR 1968</p>  |                   |



| 117 AND 118 DEPT 1  |  |  |  |  |  |  |  |  |  | 119 AND 120 DEPT 1 |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|--|--|--|--|--|
| PROCESSES AND PROPERTIES INDEX  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| <p>CA</p> <p>19</p> <p>Effect of the degree of dispersity on the viscosity of Askan clay. B. S. Kandaci and I. I. Mikadze (Tbilisi Chem. Inst.). <i>Bull. Acad. Sci. Georgian S.S.S.R.</i> 4, 973-6(1943) (in Georgian and Russian).—Four chemically identical fractions of decreasing dispersity (particle sizes less than 1.75, 1.75-2.85, 2.85-3.32, 3.32-5.70 <math>\mu</math>) in 4% suspension in dist. <math>H_2O</math> showed decreasing viscosities <math>\eta</math> by Höppler's method of a ball falling through a tube tilted at 10° from the vertical. Considerable increase of <math>\eta</math> was found in all fractions after 41 days aging. Dil. hydrosols (0.45%) show no appreciable differences in <math>\eta</math> between fractions. The effect of dispersity begins to be noticeable only at concns. high enough to permit structure formation.</p> <p>N. Thou</p>  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| <p>117 AND 118 DEPT 1</p> <p>119 AND 120 DEPT 1</p> <p>121 AND 122 DEPT 1</p> <p>123 AND 124 DEPT 1</p> <p>125 AND 126 DEPT 1</p> <p>127 AND 128 DEPT 1</p> <p>129 AND 130 DEPT 1</p> <p>131 AND 132 DEPT 1</p> <p>133 AND 134 DEPT 1</p> <p>135 AND 136 DEPT 1</p> <p>137 AND 138 DEPT 1</p> <p>139 AND 140 DEPT 1</p> <p>141 AND 142 DEPT 1</p> <p>143 AND 144 DEPT 1</p> <p>145 AND 146 DEPT 1</p> <p>147 AND 148 DEPT 1</p> <p>149 AND 150 DEPT 1</p> <p>151 AND 152 DEPT 1</p> <p>153 AND 154 DEPT 1</p> <p>155 AND 156 DEPT 1</p> <p>157 AND 158 DEPT 1</p> <p>159 AND 160 DEPT 1</p> <p>161 AND 162 DEPT 1</p> <p>163 AND 164 DEPT 1</p> <p>165 AND 166 DEPT 1</p> <p>167 AND 168 DEPT 1</p> <p>169 AND 170 DEPT 1</p> <p>171 AND 172 DEPT 1</p> <p>173 AND 174 DEPT 1</p> <p>175 AND 176 DEPT 1</p> <p>177 AND 178 DEPT 1</p> <p>179 AND 180 DEPT 1</p> <p>181 AND 182 DEPT 1</p> <p>183 AND 184 DEPT 1</p> <p>185 AND 186 DEPT 1</p> <p>187 AND 188 DEPT 1</p> <p>189 AND 190 DEPT 1</p> <p>191 AND 192 DEPT 1</p> <p>193 AND 194 DEPT 1</p> <p>195 AND 196 DEPT 1</p> <p>197 AND 198 DEPT 1</p> <p>199 AND 200 DEPT 1</p> |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |

KANDELAKI, B.S., red.

[Objective methods of analysing the flavor of black tea] K voprosy  
ob ob"ektivnykh metodakh otsenki vkusa chernogo chaia. Tbilisi,  
Izd. GPI, 1957. 44 p. (MIRA 11:10)

(Tea)

KANDELAKI, B.S.; ARUTYUNOVA, L.B.; KACHAKHIDZE, T.G.; KORAKIDZE, T.E.;  
TEVZADZE, K.P.

Objective methods of evaluating the quality of black tea.  
Izv.vys.ucheb.zav.; pishch.tekh. no.6:130-135 '59.  
(MIRA 13:5)

1. Gruzinskiy politekhnicheskiy institut imeni V.I.Lenina.  
Kafedra fizicheskoy i kolloidnoy khimii,  
(Tea--Analysis)

KANDELAKI, B.S.; ARUTYUNOVA, L.B.; TSINAURI, T.M.

Luminescence method for determining the taste of black tea.  
Izv.vys.ucheb.zav.; pishch.tekh. no.4:165-167 '59.  
(MIRA 13:2)

1. Gruzinskiy politekhnicheskiy institut imeni V.I.Lenina.  
Kafedra fizicheskoy i kolloidnoy khimii.  
(Tea)

BETANELI, A.M., doktor med. nauk; KANDELAKI, D., red.

[Duodenal reversion as one of the possible methods for the reconstruction of the alimentary canal following gastric resection] Reversia dvenadtsatiperstnoi kishki kak odin iz vozmozhnykh sposobov rekonstruktsii pishchevaritel'nogo trakta posle rezektsii zheludka. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo," 1963. 210 p. (MIRA 17:5)

PETASHVILI, I.I.; KANDELAKI, D., red.

[Some problems of the pathogenesis of acute intestinal  
abstruction; clinical and experimental study] Nekotorye  
voprosy patogeneza ostroi kishechnoi neprokhodimosti;  
klinicheskoe i eksperimental'noe issledovanie. Tbilisi,  
Izd-vo "Sabchota Sakartvelo," 1964. 95 p.

(MIRA 18:4)

VADACHKORIYA, G.A.; KANDELAKI, D., red.

[Structural changes in some endocrine glands in experimental atherosclerosis] Strukturnye izmeneniia nekotorykh endokrinnykh zhelez pri eksperimental'nom ateroskleroze. Tbilisi, Sabchota Sakartvelo, 1964. 142 p.

(MIRA 18:8)

ANTELAVA, Dzh.N.; KANDELAKI, D., red.

[Materials on the study of the morphological and functional characteristics of the interstitial substance of the retina under normal conditions and in disorders of blood circulation] Materialy po izucheniiu morfofunktsional'nykh osobennostei mezhutochnogo veshchestva setchatki v norme i pri narushenii krovoobrashcheniia. Tbilisi, Sabchota Sakartvelo, 1964. 150 p. (MIRA 18:8)



ERISTAVI, K.D.; ODISHVILI, G.Ya.; ASHVILAKI, D.I.

Hemoplasty of the thoracic aorta. Trudy Inst. eksp. i klin.  
khir. i gemat. AN Gruz. SSR 11:3-14 '63. (MIRA 17.8)

KANDELAKI, D. I.

Recent principles in the surgery of cancer of the rectum. Soob.AN  
Gruz.SSR 17 no.1:73-79 '56. (MLRA 9:8)

1. Akademiya nauk Gruzinskoy SSR, Institut eksperimental'noy i  
klinicheskoy khirurgii i gematologii, Tbilisi. Predstavleno  
deystvitel'nyy chlenom Akademii K.D. Eristavi.  
(RECTUM--CANCER)

AKHMETELI, T.I.; KANDELAKI, D.I.

Problems of fat excretion in the urine caused by fat embolism. Seeb.  
AN Grus.SSR 17 no.4:351-357 '56. (MIRA 9:9)

1.Akademiya nauk Gruzinskey SSR, Institut eksperimental'noy i klini-  
cheskey khirurgii i genatologii, Tbilisi. Predstavlena akademikom  
K.D.Eristavi.

(EMBOLISM)

KANDELAKI, D.I.

AKHMETELI, T.I.; KANDELAKI, D.I.

Hemodynamic shifts in fatal experimental fat embolism. Soob.AN  
Gruz.SSR 19 no.1:93-99 J1 '57. (MIRA 10:12)

1. AN GruzSSR, Institut eksperimental'noy i klinicheskoy khirurgii  
i gematologii, Tbilisi. Predstavleno akademikom K.D.Eristavi.  
(EMBOLISM)

ERISTAVI, K.D.; ODISHVILI, G.Ya.; KANDELAKI, D.I.; PAGAVA, G.D.

Homoplastics of the abdominal aorta in an experiment. Trudy  
Inst.eksp.i klin.khir.i gemat. AN Gruz.SSR 10:87-107 '62.

(MIRA 16:2)

(SURGERY, PLASTIC) (ABDOMINAL AORTA—SURGERY)

KANDELAP1, D.M.

Structural changes in peripheral neural mechanisms in induced  
sarcoma of the soft tissues of the orbit. Soob. AN Gruz. SSR  
29 no.2:235-238 Ag '62. (MIRA 18:3)

1. Institut eksperimental'noy i klinicheskoy khirurgii i gematologii  
AN GruzSSR, Tbilisi. Submitted July 21, 1961.

SHARASHIDZE, L. K., ODISHVILI, G. Ya., KANDELAKI, D. S., KAVKASIDZE, A. G.

"Etudes sur la caracteristique anghologique et Histochemique  
des greffes variculeuses (diverses methodes de conservation et diverses  
etapes de transplantation)

Report submitted for the fourth Intl. Congress of Angiology  
Prague, Czech, 3-9 Sep 61

1. KANDELAKI, Galina
2. USSR (600)
4. Wheat
7. Genetic interrelationship of species in the "Zanduri" population,  
Soob. AN Gruz, SSR, 11, No. 9, 1950.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.



KANDELAKI, G.V.; KEZELI, T.A.; TARASASHVILI, K.M.

~~Handwritten title~~

Vitamin content of some Georgian spice plants. Trudy Tbil.bot.inst.  
no.16:175-184 '54. (MLRA 8:11)  
(Georgia--Spices) (Vitamins)

USSR / Cultivated Plants. Cereals Crops.

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58510

Author : Kandolaki, G. V.; Boridze, R. K.

Inst : Acad. Sci. GruzSSR

Title : Transplantation in the Grass Family

Orig Pub : Tr. Tbilissk. botan. in-ta, AN GruzSSR, 1956, 18, 181-205

Abstract : Transplantations of embryos of Triticum Timophevi and some other wheat species on endosperms of wheat (of various species), rye, barley, oats, rice and corn were effected. Embryos were transplanted on dry, soaked, ordinary and geminate endosperm and so were hybrid embryos on paternal endosperms and on alien endosperms. Experiments were conducted with regard to breeding embryos isolated from endosperm and on grafting seedlings into the root system. The authors arrived at the conclusion that the transplantation of mature embryos does not cause any morphological or

Card 1/2

APPROVED FOR RELEASE: 08/10/2001  
USSR / Cultivated Plants. Cereals Crops.

CIA-RDP86-00513R000620330003-4"

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58510

physiological changes in the graft, which might be adequate to the peculiarities of the wilding. Therefore, such methods of action cannot be considered as a vegetative hybridization. However, this type of transplantation can provoke heterosis. The grafting of a grass seedling into the root system of the wilding can be viable, according to the authors, only in case of regeneration of its own root system by means of the pericycle of the graft. In this manner, the problem of effecting vegetative hybridization is considered still open. Bibl. 64 titles. --  
G. N. Chernov

Card 2/2

KANDELAKI, G.V.

Study of parthenogenesis in the genus Triticum. Trudy Tbil.bot.inst.  
21:261-270 '61. (MIRA 14:10)  
(Parthenogenesis (Plants)) (Wheat)

KANDELAKI, G.V.

Botanical study of *Ocimum basilicum* L. Trudy Tbil. bot. inst.  
22:203-213 '62. (MIRA 17:2)

KANDELAKI, G.V.

Cytoembryological study of induced parthenogenesis. Soob. AN Gruz.  
SSR 29 no.5:571-578 N '62. (MIRA 18:3)

1. Institut botaniki AN GruzSSR, Tbilisi. Submitted July 15, 1961.

KANDELAKI, G.V.

Characteristics of sporeforming in remote hybrids. Soob. AN  
Gruz. SSR 39 no.2:435-442 Ag '65. (MIRA 18:9)

1. Institut botaniki AN GruzSSR. Submitted February 4, 1965.

KANDELAKI, K. I.

KANDELAKI, K.I. (Tbilisi)

ANEMIA IN GASTRITIS WITH SECRETORY INSUFFICIENCY

Anemia in gastritis with secretory insufficiency. Klin. med.  
32 no.4:64-68 Ap '54. (MLRA 7:7)

1. Iz fakul'tetskoy teraperticheskoy kliniki (dir. deystvitel'nyy  
chlen Akademii nauk Gruzinskoy SSR prof. N.A.Kipshidze) lecheb-  
nogo fakul'teta Tbilisskogo meditsinskogo insituta.

(GASTRITIS, complications,

\*anemia & secretory insuff.)

(ANEMIA, in various diseases,

\*gastric, with secretory insuff.)

(GASTRIC JUICE,

\*secretion, insuff., in gastric with anemia)

EXCERPTA MEDICA Sec. 6 Vol. 11/5 May 57  
KANDELAKI K.I.

3283. KANDELAKI K.I. Clin. of the Therap. Fac., Med. Inst. Tbilissi. - The diagnostic value of the cup test and the formol reaction in endocarditis KLIN. MED. (Mosk.) 1955 33 1 (33) (Russian text)  
The above-mentioned tests were carried out in 173 patients, 33 of whom with rheumatic endocarditis, 53 with septic endocarditis and 37 with valvular defects. The cup test was positive in 87 out of 96 cases of endocarditis, but in only 13 of the 37 cases of valvular defect. The test appeared to be especially reliable in septic endocarditis (46 out of 53 cases), but considerably less definite in rheumatic endocarditis (17 out of 38). The formol test was essentially similar to the former test. No remarks are made regarding the performance of the reactions. These are unspecific for endocarditis, but provide decisive evidence in the presence of other clinical and laboratory signs.



ZURABASHVILI, A.D., akademik; KVALIASHVILI, A.A.; SEMENSKAYA, Ye. M.;  
NANEYSHVILI, B.R.; SHANIDZE, V.S.; KANDELAKI, K.I.; MACHABELI,  
M.I.; TORDIYA, M.V.

Effect produced on the organism by nonpenetrating cranial traumas  
combined with radiation injury. Soob. AN Gruz. SSR 20 no. 4:497-  
504 Ap '58. (MIRA 11:7)

1. AN GruzSSR (for Zurabashvili). 2. Tbilisakiy gosudarstvennyy  
meditsinskiy institut.

(BRAIN CONCUSSION)  
(X RAYS--PHYSIOLOGICAL EFFECTS)

KANDELAKI, K.I.

Excretory function and digestive power of gastric juice in gastritis accompanied by secretory deficiency. Soob. AN Gruz. SSR 32 no. 1:229-232 0 '63. (MIRA 17:9)

KANDELAKI, K.I., kand. med. nauk

[Role of hemopoietins in the pathogenesis of anemia in  
diseases of the kidneys] Rol' gemopoetinov v patogeneze  
anemii pri zabolevaniakh pochek. Tbilisi, Sabchota  
Sakartvelo, 1964. 74 p. (MIRA 17:11)

KANDELAKE, K.I.

Functional state of the liver in protein metabolism anemia  
in brightic people. Soob. AN Gruz. SSR 38 no.1:91-96 Ap '65.  
(MIRA 18:12)

1. Tbilisskiy gosudarstvennyy institut usovershenstvovaniya  
vrachey. Submitted Sept. 21, 1964.

KANDELAKI, Ivan Vladimirovich

[Tuberculosis of the lungs] [Tuberkulez legkikh. Tbilisi,  
Gos.izd-vo "Sabchota Sakartvelo"] 1963. 62 p. [In Georgian]  
(MIRA 17:4)

DZEPARIDZE, T.K.; KANDELAKI, M.D., professor, sveduyushchiy.

New serological types of dysentery microbes which do not ferment mannitol.  
Zhur.mikrobiol.epid.i immun. no.4:55-61 Ap '53. (MLRA 6:6)

1. Kafedra infektsionnykh zabolevaniy Tbilisskogo meditsinskogo instituta.  
(Dysentery)

L 370911-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) GG/AT/WW/JD  
 ACC NRI AP6018137 SOURCE CODE: UR/0251/66/041/001/0045/0048

AUTHOR: Nakashidze, G. A.; Abramov, S. M.; Bedenashvili, B. G.; Machkalova, N. P.;  
Kandelaki, M. O.; Kutaladze, L. M.; Peskov, O. G.

ORG: Academy of Sciences, Georgian SSR, Institute of Cybernetics (Akademiya nauk  
Gruzinskoy SSR, Institut kibernetiki)

TITLE: Semiconductor source of visible radiation

SOURCE: AN GruzSSR. Soobshcheniya, v. 41, no. 1, 1966, 45-48

TOPIC TAGS: light source, gallium compound, phosphide, pn junction, photoelectric  
 property, semiconductor diode, semiconductor carrier, forbidden band, volt ampere  
 characteristic

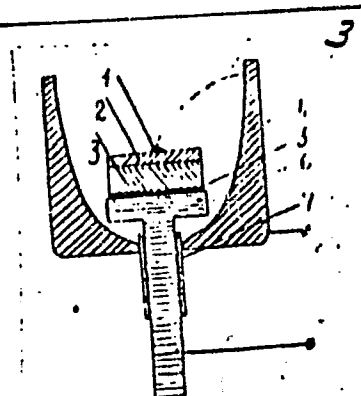
ABSTRACT: The authors describe a diode emitting visible light, based on gallium  
 phosphide with diffusion n-p junction, and describe some of its photoelectric char-  
 acteristics. The light radiated by the diode is produced by recombination of non-  
 equilibrium carriers through the impurity levels in the forbidden band, or by band-  
 band recombination (Fig. 1). The volt-ampere characteristics taken at room tempera-  
 ture and at liquid-nitrogen temperature exhibit a sharp breakdown in both the forward  
 and inverse directions. The spectrum at liquid-nitrogen temperature has three peaks  
 at 7100, 6140, and 5650 Å, which successively decrease in amplitude with decreasing  
 wavelength. There is no adequate explanation for the structure of the spectrum. Ac-  
 cording to preliminary data, the time constant of the radiation is  $2 \times 10^{-7}$  sec. The

Cord 1/2

L 37094-66

ACC NR: AP6018137

Fig. 1. Construction of gallium-phosphide light source.  
1 - Point contact, 2 - p region, 3 - n region, 4 - metal  
housing with reflecting internal surface, 5 - solid con-  
tact, 6 - copper cooling holder, 7 - insulation.



authors thank Professor N. A. Goryunova and A. S. Borshchevskiy for supplying the  
gallium-phosphide crystals. This report was presented by Academician V. I. Manasakh-  
lisov 25 February 1965. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 25Feb65/ OTH REF: 005

Card 2/2



KANDZIANKI, M. V., ENGR

Dissertation: "Hingeless Arch Bridges of Light Ferroconcrete Under a Railroad."  
Cand Tech Sci, Tbilisi Inst of Engineers of Railroad Transport, 29 Apr 54.  
(Zarya Voskoka, Tbilisi, 16 Apr 54)

SC: SUM 243, 19 Oct 1954

KANDELAKI, M.V.

Testing pumice concrete and reinforced pumice concrete for  
endurance. Trudy GPI [Gruz.] no.5:41-46 '61. (MIRA 15:12)  
(Lightweight concrete--Testing)

S/124/63/000/003/018/065  
D234/D308

AUTHORS: Gvazava, G. N., Kandelaki, N. A., Kublashvili, A. N.  
and Okrushvili, G. N.

TITLE: Application of electronic analog computers to some problems of nonlinear mechanics occurring in the calculation of nonsteady motion in the head system of a hydro-electric station

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 68, abstract 3B404 (Izv. Tbilissk. n.-i. in-ta sooruzh. i gidroenerg., 1962, v. 14, (48), 55-63)

TEXT: The authors give methods of calculating the vibrations of masses in the head system of a hydro-electric station by means of a modeling analog computer MPT-11 (MPT-11). Vibrations in prismatic and damping (with resistance) equalizing reservoirs are calculated for any load variations, both positive and negative. The methods make it possible to take into account idle running of the hydrogenerator. Theoretical and experimental data are compared

Card 1/2

Application of electronic ...

S/124/63/000/003/018/065  
D234/D308

(from Mingechurskaya, Ladjhanurskaya and Arzninskaya stations and from one Italian station). Specific examples of the solution of problems are given. 14 references. [Abstracter's note: Complete translation.]

Card 2/2

GAMKHITASHVILI, L.G.; KANDELAKI, N.P.; MARUASHVILI, T.I.; OKROASHVILI,  
G.G.; KHARATISHVILI, G.L.; KVAVILASHVILI, A.M.

Solution of some problems by new methods, using electric  
models with d.c. amplifiers. Trudy Vych.tsentra AN Grus.SSR  
2:319-334 '62. (MIRA 16:1)  
(Electromechanical analogies) (Electronic calculating machines)

KANDELAKI, N.P.; OKROASHVILI, G.G.

Use of electronic models in the performance of certain relay-type functions. Trudy Vych.tsentra AN Gruz.SSR 2:335-338 '62.

(MIRA 16:1)

(Numerical calculations)

(Electronic calculating machines)

KANDELAKI, N.F.

A limit theorem in Hilbert space. Trudy Vych. tsentr. AN Gruz.  
SSR 4:217 '64 (MIRA 17:6)

KANDELAKI, N.P.

Limit theorem in a Hilbert space. Trudy Vych. tsentr. AN Gruz.  
SSR 5:46-55 '65. (MIRA 18:9)



ACCESSION NR: AP4016032

S/0052/64/009/001/0043/0052

AUTHORS: Kandelaki, N. P. (Tiflis); Sazonov, V. V. (Moscow)

TITLE: Central limit theorem for random elements taking on values from a Hilbert space

SOURCE: Teoriya veroyatnostey i yeye primeneniya, v. 9, no. 1, 1964, 43-52

TOPIC TAGS: central limit theorem, random element, Hilbert space, linear operator, sigma algebra, Borel subset

ABSTRACT: Many authors have studied the problem of generalizing the central limit theorem to random elements with values in infinite-dimensional space. The present authors extend this work, generalizing the Lindeberg-Feller theorem to random elements taking on values from Hilbert space. Normalization of partial sums is done by means of bounded linear operators. The formulation of the problem in this form is due to Yu. V. Prokhorov. The results are apparently new also for the case of finite-dimensional Euclidean space. Orig. art. has 16 formulas.

ASSOCIATION: none

Card 1/2

KANDELAKI, N. S. and MARUA3HVILI, G. N.

"Treatment of Malaria With Bigumal", Med. Paraz. i Paraz. Bolez., Vol. 17, No. 4,  
pp 306-11, 1948.

MARUASHVILI, G.M.; BAKRADZE, T.L.; KANDEIAKI, N.S.; VEKUA, M.A.; KARDAVA, A.G.

Quinocide therapy in malaria. Med. paraz. i paraz. bol. 27 no.4:  
406-408 J1-Ag '58. (MIRA 12:2)

1. Iz Nauchno-issledovatel'skogo instituta malyarii i meditsinskoy  
parazitologii imeni prof. S.S. Virsaladze (dir. - prof. G.M. Maruash-  
vili), Respublikanskoy sanitarno-epidemiologicheskoy stantsii Abkhaz-  
skoy ASSR (glavnyy vrach V.I. Gvaliya) i Zuglidskoy rayonnoy sanitar-  
no-epidemiologicheskoy stantsii (glavnyy vrach B.K. Gobechiya).

(ANTIMALARIALS, ther. use,  
quinocide Rus))



KANDELAKI, O.M.; ENFIADZHYAN, L.A.; CHERNYSH, N.S.

Microclimatic conditions of the Lambalu massif in the Armenian  
S.S.R. Trudy Tbil.NIGMI no.5:200-208 '59. (MIRA 13:6)  
(Lambalu region--Microclimatology)

TSERTSVADZE, Sh.I.; KANDELAKI, O.M.; NISANYAN, G.B.

Agroclimatic conditions of mountain fruit growing in the  
Armenian S.S.R. Trudy TbilNIGMI no.12:84-101 '63. (MIRA 18:5)

KANDELAKI, O. F. and MARUASHVILI, G. M.

"Tests on Using Neoplasmodin as a 'Gamotropic [Gametotropic or Gamontotropic]  
Substance in Cases of Tropical Malaria", Med. Paraz. i Paraz. Bolez., Vol. 17, No. 4,  
pp 315-17, 1948.

KANDELAKI, O.V.

[Comparative evaluation of classical and cervical cesarean section] Sravnitel'naia otsenka klassicheskogo i tservikal'nogo kesareva sechenia. Tbilisi, Gruzmedgiz, 1957. 99 p.  
(MIRA 13:2)

(CESAREAN SECTION)



KANDELAKI, O. V., Cand Med Sci -- (diss) "Comparative <sup>evaluation</sup> ~~appraisal~~ of  
classical and cervical <sup>a</sup>cesarean section." (According to data from mater-  
nity homes of the city of Tbilisi for the period from March 1933 through  
April 1955)." Tbilisi, 1958. 16 pp (Tbilisi State Med Inst), 200 copies  
(KL, 16-58, 123)

-101-

KANDELAKI, S.

"Sovquinette et son effet contre le paludisme." Kandelaki, S., (p. 639)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, no. 1.

KANDELAKI, T.

The Administration of Scientific Research Establishments, Main Administration of Agricultural Propaganda, USSR Ministry of Agriculture held the first All-Union Scientific Practical Conference at the All-Union Scientific Research Laboratory for the Study of Toxic Fungi. The conference date was 26-28 September 1950. A series of reports were heard at the conference on chronic bovine hematuria. Scientific collaborator T. Kandelaki (Georgian Scientific Research Veterinary Institute) and Candidate of Veterinary Sciences B. F. Moroshkin gave a report on "Concerning the Content of Tannins (Tannides?) in Forage and about the Quantity of Phenol in Soil in Feeding Cattle with Hay and Woody Vegetation".

SO: Veterinariya; Vol. 27; No. 12; 53-55; December 1950 uncl de g  
Trans. # 242 by L. Lulich

USSR/Farm Animals - Large Horned Cattle.

Q-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83345

Author : Moroshkin, B.F., ~~Kandelaki, T.A.~~

Inst : Georgian Scientific Research Institute of Veterinary  
Medicine.

Title : Tanning Substances Contained in Fodder and Phenol Amounts  
in the Urine when Cattle is Fed Hay and Wood Plants.

Orig Pub : Tr. Gruz. n.-i. vet. in-ta, 1955, 11, 151-159.

Abstract : No abstract.

Card 1/1

KANDELAKI, T.A.

Immunochemistry of tissue enzymes. Soob. AN Gruz. SSR 23  
no. 2:157-158 Ag '59. (MIRA 13:2)

1. Institut klinicheskoy i eksperimental'noy nevrologii AN  
Gruz. SSR. Predstavleno chlenom-korrespondentom Akademii V.S.  
Asatiani.

(Enzymes) (Diphtheria)

KANDELAKI, ~~TEL~~ TAMARA, ALEKSANDROVNA

[illegible]

178  
Dissertation for Degree of  
Candidate (Magister), Bologna

Def. at  
Tbilisi State U.

BERNGARD, K.A., prof., doktor tekhn.nauk; VOROB'YEV, N.A., kand.tekhn.nauk;  
KANDELINSKIY, A.M., inzh. (Dnepropetrovsk); KARNOVSKIY, A.I.,  
kand.tekhn.nauk (Dnepropetrovsk); NIKULIN, I.I., kand.tekhn.nauk;  
(Dnepropetrovsk)

"Organization of railroad traffic" by I.G.Tikhomirov, V.A.  
Bulanov, A.V.Vinnichenko. Reviewed by K.A.Berngard and others.  
Zhel.dor.transp. 44 no.8:94-96 Ag '62. (MIRA 15:8)

1. Zamestitel' nachal'nika Pridneprovskoy dorogi (for Kandelinskiy).  
(Railroads--Traffic) (Tikhomirov, I.G.)  
(Bulanov, V.A.) (Vinnichenko, A.V.)

KANDELINSKIY, A.M.

Potentials of the making up of long-distance through freight car flows.  
Zhel.dor.transp; 44 no.12:35-40 D '62. (MIRA 15:12)

1. Zamestitel' nachal'nika Pridneprovskoy dorogi, Dnepropetrovsk.  
(Railroads--Making up trains) (Railroads--Freight)



KANDELINSKIY, A.M. (Dnepropetrovsk)

Passenger service. Zhel. dor. transp. 46 no.8:73-75 Ag '64.  
(MIRA 17:11)

1. Zamestitel' nachal'nika Pridneprovskoy dorogi.

KANDELINSKIY, A.M., inzh.

Temporary two-way automatic blocking on double-track runs in  
case of the closing of one track. Zhel. dor. transp. 45 no.4:  
80-81 Ap '63. (MIRA 16:4)

1. Zamestitel' nachal'nika Pridneprovskoy dorogi, Dnepropetrovsk.  
(Railroads—Maintenance and repair)  
(Railroads—Signaling—Block system)

KANDELIS, B.L.; SHABASHOVA, N.Ya.

Acute appendicitis and rupture of the ovary. Akush.i gin.  
37 no.1:107-108 '61. (MIRA 14:6)

1. Is 1-y gorodskoy bol'nitsy (glavnyy vrach K.A. Pozdiyakov)  
Vasileostrovskogo rayona Leningrada.  
(APPENDICITIS) (OVARIES--RUPTURE)

APP. 21.10.1954  
KANDELIS, V.A.. kandidat meditsinskikh nauk

~~SECRET~~

Letter to the editor. Vest.khir. 74 no.8:79-80 '54. (MLA 8:10)  
(SEPTICEMIA)

KANDELIS, V.A., kand.med.nauk

~~REDACTED~~  
Sarcoma of the caecum. Khirurgiya Supplement:21 '57. (MIRA 11:4)

1. Iz kafedry obshchey khirurgii Stalinskogo meditsinskogo instituta.  
(INTESTINES--CANCER)

KANDELIS, V.A., kand.med.nauk (Stalino (Donbass), ul.Artema, d.108, kv.44)

Multiple kidney stones. Nov.khir.arkh. no.2072-73 Mr-Apr '58  
(MIRA 11:6)

1. Kafedra obshchey khirurgii (zav. - prof. A.I. Charugin)  
Stalinskogo meditsinskogo instituta.  
(CALCULI, URINARY)

KANDMLIS, V.A., kand.med.nauk

Carbohydrate metabolism in polyposis gastrica. Vrach.delo  
no.3:249-251 Mr '59. (MIRA 12:6)

1. Klinika obshchey khirurgii (zav. - prof.A.I.Charugin)  
Stalinskogo meditsinskogo instituta.  
(CARBOHYDRATE METABOLISM) (STOMACH--TUMORS)

EXCERPTA MEDICA Sec 9 Vol 13/11 Surgery Nov 59

6724. POLYPOSIS OF THE STOMACH (Russian text) - Kandelis V.A. - *Kand. Med. Nauk*  
 KHIRURGIYA 1959, 2 (61-67) Tables 2

A study of the functional changes in the body, particularly in the stomach in gastric polyposis. 200 patients with gastric polyposis were examined. It was demonstrated by I. T. Kurtsin's method of functional diagnosis of the stomach that there are deep changes in the secretory apparatus of the stomach in both phases of secretion, i.e. in the complex-reflex and neurochemical. In connection with this, the inhibitory and inert types of secretions occur in gastric polyposis. The following ingredients of nitrogen metabolism were examined in polypous patients to study the functional changes occurring in the bodies of these patients: residual nitrogen, albumins, globulins, fibrinogen, total protein, polypeptides, blood urea, gastric juice area. Besides, the carbohydrate metabolism and the antitoxic liver function were also investigated. Such a complex study of the protein and carbohydrate metabolism, and of the functional condition of the liver makes it possible to detect the functional changes occurring in the body in this disease. Thus, polyposis of the stomach as a functional pre-cancerous stage is characterised not only by its focal proliferation,

*Kan. Surgery Clinic, Stalinsk Med. Inst.*



KANDELIS, V.A., kand.med.nauk (Stalino (oblastnoy), ul.Artema, d.158, kv.44)

Intermittent chronic obstruction of the stomach with polyps  
falling into the duodenum. Nov.khir.arkh. no.4:101-103  
Jl-Ag '59. (MIRA 12:11)

1. Kafedra obshchey khirurgii (zav. - prof.A.I.Charugin) Stalin-  
skogo meditsinskogo instituta.  
(STOMACH--DISEASES)

KANDELIS, V. A.

Experimental polyposis of the gastric mucosa in dogs. Eksper.  
khir. no.3:52-54 '62. (MIRA 15:7)

1. Iz kliniki obshchey khirurgii No. 1 Donetskogo meditsinskogo  
instituta (zav. kafedroy - dotsent A. M. Ganichkin) na baze  
Oblastnoy klinicheskoy bol'nitsy imeni M. I. Kalinina (glavnyy  
vrach. V. F. Zubko)

(STOMACH--TUMORS)

APRATOV, I. I.; KANDELYA, Ya. I.; GALKIN, A. V.

Operating practice of the UMK narrow-range unit in the  
"Proletarskaia-Glubokaia" Mine. Ugol' 38 no.4:34-39 Ap '63.  
(MIRA 16:4)

(Donets Basin—Coal mining machinery)

KANDEL'ZMAN, A. F., ILYUKHIN, N. V., NAURITS, L. N.

Gases, Flow of

Investigation of thermoelements as measurers of temperature in a high-velocity stream of gas. Zhur.tekh.fiz. 22, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 19 52. Unclassified.

CZECHOSLOVAKIA/Soil Science. Mineral Fertilizers.

J-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24727.

Author : Kandra, Jan.

Inst :

Title : Opportune Planning of Fertilization.

Orig Pub: Za vysokou urodu, 1957, 1957, 5, No 3, 53-55.

Abstract: Maximum figures according to the content of mobile phosphorus in the soil are given, indicating three grades of richness. The indices change depending on the mechanical structure and pH of the salt extract from the soil. In establishing the requirements of phosphours, the needs of the plants are also taken into account. For determination of the doses of potassiu, a more simple scale is given.

Card : 1/1

BENEDEK, Tibor, dr.; KANDERA, Jozsef, dr.

Case of skin avulsion in injury of the foot complicated by  
extensive defect of the skin. Magy. sebeszet 7 no.2:118-120  
Apr 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebeszeti Klinika-  
jának közleménye. Igazgató: Sebastyen Gyula dr. egyet. tanár.

(FOOT, wds. & inj.

skin avulsion, surg., Reverdin's technic)

(WOUNDS AND INJURIES

foot, skin avulsion, plastic surg., Reverdin's technic)

KANDIHERA, Jozsef, dr.

Antethoracic esophagoplasty with round Filatov's flap. Magyar.  
Sebészeti 7 no.3:198-200 June 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikájának közleménye. Igazgató: Sebestény Gyula dr. egyet. tanár.

(ESOPHAGUS, surg.

esophagoplasty with Filatov's flap form neck)

(SKIN TRANSPLANTATION

neck flap for esophagoplasty, Filatov's flap)

KANDERABEK, F. (Chief dr)

SURNAME, Given Names

3

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Internal Department of Okres Institute for People's Health (Interni oddeleni  
OUNZ) Chief Dr. F. KANDERABEK

Sources: Prague, Prakticky Lekar, Vol 41, No 15-16, Aug 21, 1961; pp 694-696

Data: "Some Cases of Peroral Poisoning with the Cleaning Fluid Cikuli /Mixture of  
trichlorethylene and tetrachloroethylene/"

BRODANOVA, Marie

BRODAN, Vladimir

GPO 981643



KANDEROR, M.; ZASLAVSKIY, M.

Cooperative loading and unloading of trucks. Sots.trud no.6:124-125  
Je '57. (NIRA 10:7)

1. Nachal'nik otdela truda i zarabotnoy platy konditerskoy  
fabriki "Bol'shevik" (for Kanderor). 2. Nachal'nik tsekha.  
(Loading and unloading)

KANDHEV, V. I.

Primenenie nizkolegirovannoi stali v pod'emno-transportnom mashinostroenii.  
(Vestn. Mash., 1948, no. 3, p. 23)

Refers to Moscow "Pod'emnik" and Leningrad Kirov plants.

Using low-alloy steel in hoisting and conveying machine building.

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library  
of Congress, 1953.

<sup>Y</sup>  
KANDEEV, V. I.

Novye unifitsirovannye liteinye krany. (Vestn. Mash., 1946, no. 8, p. 32) .  
Refers to "Novo-Kramatorskii" Stalin machine-building plant in Elektrostal'.  
The new uniform foundry cranes.

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library  
of Congress, 1953.

KAMBIK, JAN; CZAJKA, A; HELBRECHT, JOZEF

Bezpieczenstwo i higiena pracy w porcie (Industrial Safety and Hygiene in the Harbor); a book review. p. 341

TECHNIKA I GOSPODARKA MORSKA. (Naczelna Organizacja Techniczna, Instytut Morski i Morski Instytut Rybacki) Gdansk, Poland. Vol. 8, no. 11, Nov. 1958

Monthly List of East European Accessions (ESAL) IC Vol. 8, no. 8, August, 1959

Uncl.